Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended): A method for dynamic gamma adjustment of an LCD having a data driver and a gate driver, comprising the following steps:

detecting a brightness data of a data signal provided by the data driver; ~~and~~

classifying the brightness data into a predetermined brightness group;

providing a group of predetermined gamma signals according to the predetermined brightness group;

selecting a gamma signal from the group of predetermined gamma signals according to the brightness data; and

providing ~~a~~ the gamma signal ~~according to the brightness data~~ to the data driver.

2. (Original): The method as claimed in claim 1, wherein the brightness data represents a gray-level distribution of a single frame.

3. (Original): The method as claimed in claim 1, wherein the brightness data represents an average gray-level distribution of a plurality of frames.

4. (Original): The method as claimed in claim 1, wherein the gamma signal enhances the brightness resolution of a low gray level when the brightness data belongs to a low gray level.

5. (Original): The method as claimed in claim 1, wherein the gamma signal enhances the brightness resolution of a high gray level when the brightness data belongs to a high gray level.

6. (Original): The method as claimed in claim 1, wherein the gamma signal adjusts a voltage level of the data signal presenting a predetermined gray level.

7. (Original): The method as claimed in claim 1, wherein the data signal is a digital signal.

8. (Currently amended): A circuit for dynamic gamma adjustment of an LCD having a data driver and a gate driver, comprising:

a brightness sampling circuit for detecting a brightness data of a data signal provided by the data driver;

a brightness classifying circuit for classifying the brightness data into a predetermined brightness group; ~~and~~

a plurality of gamma voltage outputting circuits respectively providing a predetermined gamma signal; and

a gamma decision circuit for selecting one of the gamma voltage outputting circuits to provide the corresponding ~~providing a~~ predetermined gamma signal of the predetermined brightness group to the data driver.

9. (Original): The circuit as claimed in claim 8, wherein the data signal is a digital signal.

10. (Original): The circuit as claimed in claim 9, wherein the brightness sampling circuit obtains the brightness data by analyzing the digital signal.

11. (Original): The circuit as claimed in claim 8, wherein the brightness data represents a gray-level distribution of a single frame.

12. (Original): The circuit as claimed in claim 8, wherein the brightness data represents an average gray-level distribution of a plurality of frames.

13. (Original): The circuit as claimed in claim 8, wherein the gamma signal output by the gamma decision circuit enhances the brightness resolution of a low gray level when the brightness data belongs to a low gray level.

14. (Original): The circuit as claimed in claim 8, wherein the gamma signal output by the gamma decision circuit enhances the brightness resolution of a high gray level when the brightness data belongs to a high gray level.

15. (Original): The circuit as claimed in claim 8, wherein the gamma signal output by the gamma decision circuit adjusts a voltage level of the data signal presenting a predetermined gray level.

16. (New): The method as claimed in claim 1, wherein the brightness data is detected by sampling only a portion of a single frame.

17. (New): The method as claimed in claim 1, wherein the brightness data is detected by sampling several frames.

18. (New): The circuit as claimed in claim 8, wherein the brightness data is detected by sampling only a portion of a single frame.

19. (New): The circuit as claimed in claim 8, wherein the brightness data is detected by sampling several frames.